



Marine & Offshore

Certificate number: 55189/A0 BV

File number: ACE2/48/1

Product code: 2631H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to

SOCOMEC

Benfeld - FRANCE

for the type of product

SWITCHES (LOW VOLTAGE)

SIRCO PV 4 X 800A

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships

IEC 60947-1 : 2007 + A1: 2010 + A2: 2014

IEC 60947-3 : 2008 + A1: 2012 + A2: 2015

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 11 Dec 2023

For Bureau Veritas Marine & Offshore,

At BV MULHOUSE, on 11 Dec 2018,

Anthony Kinnen



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Switch-disconnector manually operated to make and break on load at 1000 Vdc.

Designation :	SIRCO PV 4x800 A
Rated voltage :	1000 V
Maximum operating current :	800 A
Number of poles :	4 P

2. DOCUMENTS AND DRAWINGS :

General catalogue 2017-2018.

Specifications N° DIV 18 97500, Rev B, dated 09 Nov 2018.

3. TEST REPORTS :

Test report N° TR 18486, dated 30 Nov 2018.

Test report N° TR 18491, dated 22 Nov 2018.

Test report N° TR 18500, dated 30 Nov 2018.

4. APPLICATION / LIMITATION :

According to BV Rules for the Classification of Steel Ships

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The SWITCHES (LOW VOLTAGE) are to be supplied by **SOCOME C** in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **SOCOME C** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **SOCOME C** has declared to Bureau Veritas the following production site:

SOCOME C
1 Rue de Westhouse,
B.P. 10
F-67230 Benfeld
FRANCE

6. MARKING OF PRODUCT :

According IEC 60947 specifications

7. OTHERS :

It is **SOCOME C**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*** END OF CERTIFICATE ***